GP Batteries DATA SHEET

Model No.: GP570DHCB

Type	:	Rechargeable Nickel Metal Hydride Cylindrical Cell
Nominal Dimension (with Sleeve)	:	Φ = 34.2mm H = 61.5mm
Applications	:	Recommended discharge current 570mA to 5.7A
Nominal Voltage	:	1.2V
Capacity	:	Nominal: 5700mAh Minimum: 5700mAh Typical: 5700mAh When discharged at 1.14A to 1.0V at 20℃
Charging Condition	:	570mA for 16hrs at 20℃
Charge Retention	:	80% of nominal capacity after cell storage at 20℃ for 24months When discharged at 1.14A to 1.0V at 20℃
Fast Charge	:	2850mA to 5700mA (0.5 to 1C) charge termination control recommended control parameters: -ΔV : 0-5mV DT/dt : 0.8℃/min (0.5 to 0.9C) 0.8 - 1℃/min (>1C) TCO : 45 - 50℃ Timer : 105% nominal input (for ref. only)
Service Life	:	~1000 cycles (IEC standard)
Continuous Overcharge	:	570mA maximum current for 1 year. No conspicuous deformation and/or Leakage
Weight	:	124g
Internal Resistance	:	Average 4mΩ upon fully charged (Max.10mΩ) at 1000Hz
Max. Charging Voltage	:	1.5V at 570mA charging
Ambient Temperature Range	:	Standard Charge : 0 to 45℃ Fast Charging : 10 to 45℃ Discharge : -20 to 50℃ Storage : -20 to 30℃